

IN THE U.S. PATENT AND TRADEMARK OFFICE
Patent Application Transmittal Letter

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): Utility Design

original patent application,

continuation-in-part application

JC530 U.S. PRO
09/494817
01/31/00

INVENTOR(S): Manraj Singh Johl, Joseph Harold Steinmetz and Matthew Paul Wakely

TITLE: METHOD AND SYSTEM FOR INCREASING PERFORMANCE BY SUBSTITUTING
FINITE STATE MACHINE CONTROL WITH HARDWARE-IMPLEMENTED DATA
STRUCTURE MANIPULATION

Enclosed are:

The Declaration and Power of Attorney. signed unsigned or partially signed
 16 sheets of drawings (one set) Associate Power of Attorney
 Form PTO-1449 Information Disclosure Statement and Form PTO-1449
 Priority document(s) (Other) Assignment (fee \$ 40)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	— 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	— 3	0	X \$78	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS			\$260	\$
BASIC FEE: Design \$310.00 ; Utility \$760.00				\$ 690
TOTAL FILING FEE				\$ 690
OTHER FEES				\$ 40
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 730

Charge \$ 730 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

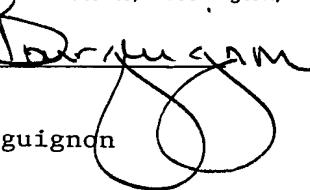
"Express Mail" label no. EL42347525US

Date of Deposit January 31, 2000

Respectfully submitted,

By 
Robert W. Bergstrom

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

By 
Joanne Bourguignon
Typed Name: Joanne Bourguignon

Attorney/Agent for Applicant(s)

Reg. No. 39,906

Date: January 31, 2000

Telephone No.: 206.340.1825